B) Write at least 10 SQL queries on the suitable database application using SQL DML statements.

1)Insert :- Insert Player detain in Table.

mysql> select \* from Players;

+-----------+---------+---------------+------------+---------------+-------------+---------+-------------+-------------+----------------------+

| player\_id | team\_id | no\_of\_matches | total\_runs | total\_wickets | strike\_rate | economy | no\_of\_sixes | no\_of\_fours |no\_of\_half\_centuries |

+-----------+---------+---------------+------------+---------------+-------------+---------+-------------+-------------+----------------------+

| AA44 | Afg | 75 | 1382 | 1 | 110.83 | 0.00 | 69 | 87 | 4 |

| AD04 | SL | 31 | 61 | 28 | 85.92 | 8.20 | 0 | 6 | 0 |

| AF05 | Aus | 81 | 2603 | 0 | 148.40 | 13.50 | 113 | 260 | 15 |

| AF28 | SL | 29 | 325 | 0 | 93.93 | 0.00 | 6 | 25 | 0 |

| AM04 | RSA | 20 | 588 | 5 | 147.00 | 7.44 | 28 | 45 | 6 |

| AN02 | RSA | 16 | 8 | 18 | 40.00 | 6.75 | 0 | 0 | 0 |

| AR12 | WI | 67 | 741 | 39 | 156.00 | 9.19 | 62 | 42 | 1 |

| AR95 | Eng | 68 | 60 | 74 | 80.00 | 7.39 | 0 | 4 | 0 |

| AZ63 | Aus | 55 | 45 | 63 | 91.84 | 6.85 | 0 | 4 | 0 |

| BA59 | Pak | 66 | 2468 | 0 | 130.38 | 0.00 | 38 | 254 | 24 |

| BK15 | IND | 52 | 57 | 50 | 75.00 | 6.93 | 0 | 0 | 0 |

| CG333 | WI | 79 | 1899 | 20 | 137.51 | 6.93 | 124 | 158 | 14 |

| CJ34 | Eng | 71 | 296 | 79 | 132.74 | 8.56 | 14 | 21 | 0 |

| CML10 | Sco | 60 | 1158 | 5 | 110.50 | 7.21 | 22 | 99 | 7 |

| CW19 | Eng | 16 | 98 | 15 | 148.48 | 7.83 | 6 | 4 | 0 |

| DB47 | WI | 91 | 1255 | 78 | 115.14 | 8.12 | 55 | 73 | 4 |

| DC05 | SL | 39 | 46 | 38 | 73.02 | 7.89 | 0 | 4 | 0 |

| DC36 | SL | 61 | 950 | 0 | 104.51 | 0.00 | 19 | 82 | 6 |

| DC88 | NZ | 20 | 602 | 0 | 139.32 | 0.00 | 15 | 62 | 4 |

| DM10 | RSA | 95 | 1786 | 0 | 140.63 | 0.00 | 79 | 119 | 4 |

| DM29 | Eng | 36 | 1239 | 1 | 137.21 | 13.50 | 41 | 128 | 11 |

| DP29 | RSA | 22 | 170 | 23 | 161.90 | 7.77 | 8 | 13 | 1 |

| DS07 | SL | 56 | 707 | 17 | 107.45 | 7.47 | 33 | 48 | 2 |

| DW31 | Aus | 86 | 2452 | 0 | 140.11 | 0.00 | 93 | 244 | 20 |

| EL17 | WI | 50 | 1423 | 0 | 155.52 | 0.00 | 110 | 106 | 10 |

| EM16 | Eng | 113 | 2428 | 0 | 137.64 | 0.00 | 119 | 184 | 14 |

| GM32 | Aus | 77 | 1809 | 33 | 156.49 | 7.44 | 93 | 149 | 9 |

| GM93 | Sco | 50 | 1270 | 0 | 146.31 | 0.00 | 57 | 150 | 7 |

| GN11 | Afg | 52 | 559 | 20 | 122.59 | 8.17 | 25 | 42 | 1 |

| HH66 | Afg | 25 | 50 | 35 | 108.70 | 6.40 | 2 | 3 | 0 |

| HK45 | RSA | 28 | 449 | 0 | 142.09 | 14.00 | 21 | 32 | 3 |

| HP33 | IND | 54 | 553 | 42 | 146.30 | 8.23 | 32 | 34 | 0 |

| IS61 | NZ | 62 | 78 | 81 | 108.33 | 8.00 | 5 | 4 | 0 |

| JB51 | Eng | 63 | 1190 | 0 | 135.84 | 0.00 | 49 | 111 | 7 |

| JB63 | Eng | 88 | 2140 | 0 | 141.16 | 0.00 | 90 | 184 | 15 |

| JB93 | IND | 54 | 8 | 66 | 61.54 | 6.52 | 0 | 1 | 0 |

| JH98 | WI | 30 | 225 | 23 | 123.63 | 8.13 | 13 | 12 | 0 |

| JR20 | Eng | 53 | 1316 | 0 | 144.93 | 0.00 | 59 | 136 | 7 |

| KC15 | Sco | 69 | 1495 | 5 | 119.22 | 6.45 | 48 | 158 | 6 |

| KJP55 | SL | 59 | 1539 | 0 | 131.31 | 0.00 | 51 | 144 | 12 |

| KLR01 | IND | 53 | 1751 | 0 | 143.29 | 0.00 | 70 | 157 | 15 |

| KP55 | WI | 93 | 1468 | 38 | 135.55 | 8.45 | 96 | 86 | 6 |

| KR25 | RSA | 40 | 121 | 49 | 116.35 | 8.58 | 5 | 11 | 0 |

| KW22 | NZ | 72 | 1931 | 6 | 122.76 | 8.34 | 43 | 192 | 13 |

| LD16 | Ban | 46 | 844 | 0 | 122.50 | 0.00 | 27 | 80 | 4 |

| LL23 | Eng | 14 | 252 | 8 | 165.79 | 6.32 | 18 | 13 | 0 |

| LS54 | WI | 68 | 1527 | 6 | 120.71 | 10.05 | 68 | 140 | 9 |

| MA18 | Eng | 44 | 529 | 28 | 135.29 | 8.00 | 24 | 46 | 3 |

| MC09 | Sco | 55 | 947 | 0 | 116.34 | 0.00 | 25 | 90 | 5 |

| MD30 | Ban | 110 | 1939 | 33 | 118.74 | 7.24 | 60 | 150 | 6 |

| MG31 | NZ | 107 | 3115 | 0 | 136.50 | 11.00 | 155 | 274 | 18 |

| ML29 | Sco | 42 | 428 | 26 | 129.70 | 8.01 | 22 | 29 | 1 |

| MM08 | Aus | 34 | 780 | 15 | 122.64 | 7.47 | 30 | 61 | 5 |

| MN07 | Afg | 85 | 1501 | 73 | 142.95 | 7.24 | 85 | 98 | 4 |

| MR15 | Ban | 99 | 1465 | 0 | 115.26 | 0.00 | 37 | 122 | 6 |

| MR16 | Pak | 48 | 1279 | 0 | 128.80 | 0.00 | 38 | 116 | 10 |

| MR90 | Ban | 59 | 53 | 84 | 66.25 | 7.68 | 3 | 3 | 0 |

| MS11 | IND | 17 | 0 | 18 | 0.00 | 9.55 | 0 | 0 | 0 |

| MS17 | Aus | 33 | 416 | 10 | 135.06 | 8.69 | 14 | 39 | 1 |

| MS56 | Aus | 46 | 83 | 58 | 105.06 | 7.30 | 2 | 4 | 0 |

| MS77 | Afg | 69 | 1961 | 0 | 133.95 | 0.00 | 75 | 217 | 11 |

| MUR88 | Afg | 22 | 12 | 32 | 88.89 | 6.05 | 0 | 1 | 0 |

| MW13 | Aus | 53 | 688 | 0 | 123.52 | 0.00 | 25 | 52 | 3 |

| MW33 | Eng | 19 | 11 | 26 | 84.62 | 8.76 | 0 | 1 | 0 |

| MW51 | Sco | 46 | 104 | 56 | 116.85 | 6.97 | 1 | 11 | 0 |

| NP29 | WI | 46 | 738 | 0 | 125.72 | 0.00 | 42 | 56 | 3 |

| NZ01 | Afg | 68 | 1232 | 0 | 141.28 | 0.00 | 65 | 84 | 6 |

| PC30 | Aus | 35 | 60 | 41 | 133.33 | 7.01 | 4 | 3 | 0 |

| QdK12 | RSA | 61 | 1827 | 0 | 135.03 | 0.00 | 65 | 189 | 11 |

| RB44 | Sco | 73 | 1693 | 27 | 128.26 | 7.58 | 54 | 148 | 7 |

| RH34 | Ban | 28 | 20 | 28 | 55.56 | 9.45 | 0 | 1 | 0 |

| RJ08 | IND | 55 | 256 | 46 | 113.78 | 6.99 | 7 | 15 | 0 |

| RK19 | Afg | 56 | 182 | 103 | 123.81 | 6.21 | 11 | 11 | 0 |

| RS45 | IND | 116 | 3038 | 1 | 139.61 | 9.97 | 140 | 273 | 24 |

| RvdD72 | RSA | 34 | 933 | 0 | 130.86 | 0.00 | 40 | 55 | 6 |

| SA10 | Pak | 35 | 19 | 38 | 105.56 | 26.61 | 1 | 1 | 0 |

| SAH75 | Ban | 94 | 1894 | 117 | 120.56 | 6.66 | 38 | 193 | 9 |

| SB77 | Eng | 33 | 417 | 0 | 128.31 | 0.00 | 12 | 39 | 2 |

| SH189 | WI | 42 | 666 | 0 | 118.72 | 0.00 | 32 | 43 | 3 |

| SM18 | Pak | 121 | 1933 | 28 | 125.92 | 7.09 | 69 | 196 | 9 |

| SS49 | Aus | 50 | 858 | 17 | 126.55 | 7.79 | 21 | 70 | 4 |

| SS50 | Sco | 53 | 151 | 61 | 121.77 | 8.11 | 4 | 9 | 0 |

| SS59 | Ban | 66 | 1136 | 9 | 122.15 | 9.50 | 43 | 113 | 5 |

| TA03 | Ban | 30 | 58 | 21 | 87.88 | 7.96 | 1 | 6 | 0 |

| TB18 | NZ | 39 | 28 | 57 | 73.68 | 7.17 | 0 | 2 | 0 |

| TS26 | RSA | 47 | 4 | 57 | 21.05 | 6.74 | 0 | 0 | 0 |

| TS38 | NZ | 87 | 249 | 106 | 143.10 | 8.21 | 16 | 16 | 0 |

| VK18 | IND | 94 | 3227 | 4 | 137.91 | 7.14 | 91 | 290 | 29 |

| WH49 | SL | 32 | 319 | 52 | 119.92 | 6.22 | 2 | 32 | 1 |

+-----------+---------+---------------+------------+---------------+-------------+---------+-------------+-------------+----------------------+

89 rows in set (0.01 sec)

mysql> INSERT into Players value('MS07','IND',98,1617,0,126.13,0.0,52,116,2);

Query OK, 1 row affected (0.00 sec)

mysql> Select \* from Players;

+-----------+---------+---------------+------------+---------------+-------------+---------+-------------+-------------+----------------------+

| player\_id | team\_id | no\_of\_matches | total\_runs | total\_wickets | strike\_rate | economy | no\_of\_sixes | no\_of\_fours | no\_of\_half\_centuries |

+-----------+---------+---------------+------------+---------------+-------------+---------+-------------+-------------+----------------------+

| AA44 | Afg | 75 | 1382 | 1 | 110.83 | 0.00 | 69 | 87 | 4 |

| AD04 | SL | 31 | 61 | 28 | 85.92 | 8.20 | 0 | 6 | 0 |

| AF05 | Aus | 81 | 2603 | 0 | 148.40 | 13.50 | 113 | 260 | 15 |

| AF28 | SL | 29 | 325 | 0 | 93.93 | 0.00 | 6 | 25 | 0 |

| AM04 | RSA | 20 | 588 | 5 | 147.00 | 7.44 | 28 | 45 | 6 |

| AN02 | RSA | 16 | 8 | 18 | 40.00 | 6.75 | 0 | 0 | 0 |

| AR12 | WI | 67 | 741 | 39 | 156.00 | 9.19 | 62 | 42 | 1 |

| AR95 | Eng | 68 | 60 | 74 | 80.00 | 7.39 | 0 | 4 | 0 |

| AZ63 | Aus | 55 | 45 | 63 | 91.84 | 6.85 | 0 | 4 | 0 |

| BA59 | Pak | 66 | 2468 | 0 | 130.38 | 0.00 | 38 | 254 | 24 |

| BK15 | IND | 52 | 57 | 50 | 75.00 | 6.93 | 0 | 0 | 0 |

| CG333 | WI | 79 | 1899 | 20 | 137.51 | 6.93 | 124 | 158 | 14 |

| CJ34 | Eng | 71 | 296 | 79 | 132.74 | 8.56 | 14 | 21 | 0 |

| CML10 | Sco | 60 | 1158 | 5 | 110.50 | 7.21 | 22 | 99 | 7 |

| CW19 | Eng | 16 | 98 | 15 | 148.48 | 7.83 | 6 | 4 | 0 |

| DB47 | WI | 91 | 1255 | 78 | 115.14 | 8.12 | 55 | 73 | 4 |

| DC05 | SL | 39 | 46 | 38 | 73.02 | 7.89 | 0 | 4 | 0 |

| DC36 | SL | 61 | 950 | 0 | 104.51 | 0.00 | 19 | 82 | 6 |

| DC88 | NZ | 20 | 602 | 0 | 139.32 | 0.00 | 15 | 62 | 4 |

| DM10 | RSA | 95 | 1786 | 0 | 140.63 | 0.00 | 79 | 119 | 4 |

| DM29 | Eng | 36 | 1239 | 1 | 137.21 | 13.50 | 41 | 128 | 11 |

| DP29 | RSA | 22 | 170 | 23 | 161.90 | 7.77 | 8 | 13 | 1 |

| DS07 | SL | 56 | 707 | 17 | 107.45 | 7.47 | 33 | 48 | 2 |

| DW31 | Aus | 86 | 2452 | 0 | 140.11 | 0.00 | 93 | 244 | 20 |

| EL17 | WI | 50 | 1423 | 0 | 155.52 | 0.00 | 110 | 106 | 10 |

| EM16 | Eng | 113 | 2428 | 0 | 137.64 | 0.00 | 119 | 184 | 14 |

| GM32 | Aus | 77 | 1809 | 33 | 156.49 | 7.44 | 93 | 149 | 9 |

| GM93 | Sco | 50 | 1270 | 0 | 146.31 | 0.00 | 57 | 150 | 7 |

| GN11 | Afg | 52 | 559 | 20 | 122.59 | 8.17 | 25 | 42 | 1 |

| HH66 | Afg | 25 | 50 | 35 | 108.70 | 6.40 | 2 | 3 | 0 |

| HK45 | RSA | 28 | 449 | 0 | 142.09 | 14.00 | 21 | 32 | 3 |

| HP33 | IND | 54 | 553 | 42 | 146.30 | 8.23 | 32 | 34 | 0 |

| IS61 | NZ | 62 | 78 | 81 | 108.33 | 8.00 | 5 | 4 | 0 |

| JB51 | Eng | 63 | 1190 | 0 | 135.84 | 0.00 | 49 | 111 | 7 |

| JB63 | Eng | 88 | 2140 | 0 | 141.16 | 0.00 | 90 | 184 | 15 |

| JB93 | IND | 54 | 8 | 66 | 61.54 | 6.52 | 0 | 1 | 0 |

| JH98 | WI | 30 | 225 | 23 | 123.63 | 8.13 | 13 | 12 | 0 |

| JR20 | Eng | 53 | 1316 | 0 | 144.93 | 0.00 | 59 | 136 | 7 |

| KC15 | Sco | 69 | 1495 | 5 | 119.22 | 6.45 | 48 | 158 | 6 |

| KJP55 | SL | 59 | 1539 | 0 | 131.31 | 0.00 | 51 | 144 | 12 |

| KLR01 | IND | 53 | 1751 | 0 | 143.29 | 0.00 | 70 | 157 | 15 |

| KP55 | WI | 93 | 1468 | 38 | 135.55 | 8.45 | 96 | 86 | 6 |

| KR25 | RSA | 40 | 121 | 49 | 116.35 | 8.58 | 5 | 11 | 0 |

| KW22 | NZ | 72 | 1931 | 6 | 122.76 | 8.34 | 43 | 192 | 13 |

| LD16 | Ban | 46 | 844 | 0 | 122.50 | 0.00 | 27 | 80 | 4 |

| LL23 | Eng | 14 | 252 | 8 | 165.79 | 6.32 | 18 | 13 | 0 |

| LS54 | WI | 68 | 1527 | 6 | 120.71 | 10.05 | 68 | 140 | 9 |

| MA18 | Eng | 44 | 529 | 28 | 135.29 | 8.00 | 24 | 46 | 3 |

| MC09 | Sco | 55 | 947 | 0 | 116.34 | 0.00 | 25 | 90 | 5 |

| MD30 | Ban | 110 | 1939 | 33 | 118.74 | 7.24 | 60 | 150 | 6 |

| MG31 | NZ | 107 | 3115 | 0 | 136.50 | 11.00 | 155 | 274 | 18 |

| ML29 | Sco | 42 | 428 | 26 | 129.70 | 8.01 | 22 | 29 | 1 |

| MM08 | Aus | 34 | 780 | 15 | 122.64 | 7.47 | 30 | 61 | 5 |

| MN07 | Afg | 85 | 1501 | 73 | 142.95 | 7.24 | 85 | 98 | 4 |

| MR15 | Ban | 99 | 1465 | 0 | 115.26 | 0.00 | 37 | 122 | 6 |

| MR16 | Pak | 48 | 1279 | 0 | 128.80 | 0.00 | 38 | 116 | 10 |

| MR90 | Ban | 59 | 53 | 84 | 66.25 | 7.68 | 3 | 3 | 0 |

| MS07 | IND | 98 | 1617 | 0 | 126.13 | 0.00 | 52 | 116 | 2 |

| MS11 | IND | 17 | 0 | 18 | 0.00 | 9.55 | 0 | 0 | 0 |

| MS17 | Aus | 33 | 416 | 10 | 135.06 | 8.69 | 14 | 39 | 1 |

| MS56 | Aus | 46 | 83 | 58 | 105.06 | 7.30 | 2 | 4 | 0 |

| MS77 | Afg | 69 | 1961 | 0 | 133.95 | 0.00 | 75 | 217 | 11 |

| MUR88 | Afg | 22 | 12 | 32 | 88.89 | 6.05 | 0 | 1 | 0 |

| MW13 | Aus | 53 | 688 | 0 | 123.52 | 0.00 | 25 | 52 | 3 |

| MW33 | Eng | 19 | 11 | 26 | 84.62 | 8.76 | 0 | 1 | 0 |

| MW51 | Sco | 46 | 104 | 56 | 116.85 | 6.97 | 1 | 11 | 0 |

| NP29 | WI | 46 | 738 | 0 | 125.72 | 0.00 | 42 | 56 | 3 |

| NZ01 | Afg | 68 | 1232 | 0 | 141.28 | 0.00 | 65 | 84 | 6 |

| PC30 | Aus | 35 | 60 | 41 | 133.33 | 7.01 | 4 | 3 | 0 |

| QdK12 | RSA | 61 | 1827 | 0 | 135.03 | 0.00 | 65 | 189 | 11 |

| RB44 | Sco | 73 | 1693 | 27 | 128.26 | 7.58 | 54 | 148 | 7 |

| RH34 | Ban | 28 | 20 | 28 | 55.56 | 9.45 | 0 | 1 | 0 |

| RJ08 | IND | 55 | 256 | 46 | 113.78 | 6.99 | 7 | 15 | 0 |

| RK19 | Afg | 56 | 182 | 103 | 123.81 | 6.21 | 11 | 11 | 0 |

| RS45 | IND | 116 | 3038 | 1 | 139.61 | 9.97 | 140 | 273 | 24 |

| RvdD72 | RSA | 34 | 933 | 0 | 130.86 | 0.00 | 40 | 55 | 6 |

| SA10 | Pak | 35 | 19 | 38 | 105.56 | 26.61 | 1 | 1 | 0 |

| SAH75 | Ban | 94 | 1894 | 117 | 120.56 | 6.66 | 38 | 193 | 9 |

| SB77 | Eng | 33 | 417 | 0 | 128.31 | 0.00 | 12 | 39 | 2 |

| SH189 | WI | 42 | 666 | 0 | 118.72 | 0.00 | 32 | 43 | 3 |

| SM18 | Pak | 121 | 1933 | 28 | 125.92 | 7.09 | 69 | 196 | 9 |

| SS49 | Aus | 50 | 858 | 17 | 126.55 | 7.79 | 21 | 70 | 4 |

| SS50 | Sco | 53 | 151 | 61 | 121.77 | 8.11 | 4 | 9 | 0 |

| SS59 | Ban | 66 | 1136 | 9 | 122.15 | 9.50 | 43 | 113 | 5 |

| TA03 | Ban | 30 | 58 | 21 | 87.88 | 7.96 | 1 | 6 | 0 |

| TB18 | NZ | 39 | 28 | 57 | 73.68 | 7.17 | 0 | 2 | 0 |

| TS26 | RSA | 47 | 4 | 57 | 21.05 | 6.74 | 0 | 0 | 0 |

| TS38 | NZ | 87 | 249 | 106 | 143.10 | 8.21 | 16 | 16 | 0 |

| VK18 | IND | 94 | 3227 | 4 | 137.91 | 7.14 | 91 | 290 | 29 |

| WH49 | SL | 32 | 319 | 52 | 119.92 | 6.22 | 2 | 32 | 1 |

+-----------+---------+---------------+------------+---------------+-------------+---------+-------------+-------------+----------------------+

90 rows in set (0.00 sec)

2)Update :- Update total number of matches using details already present in table.

mysql> select\*from Teams;

+---------+--------------+-----------+-------------+--------------+

| team\_id | team\_name | no\_of\_win | no\_of\_loses | net\_run\_rate |

+---------+--------------+-----------+-------------+--------------+

| Afg | Afghanistan | 2 | 3 | 1.053 |

| Aus | Australia | 4 | 1 | 1.216 |

| Ban | Bangladesh | 0 | 5 | -2.383 |

| Eng | England | 4 | 1 | 2.464 |

| IND | INDIA | 3 | 2 | 1.747 |

| Nam | Namibia | 1 | 4 | -1.890 |

| NZ | NewZealand | 4 | 1 | 1.162 |

| Pak | Pakistan | 5 | 0 | 1.583 |

| RSA | South Africa | 4 | 1 | 0.739 |

| Sco | Scotland | 0 | 5 | -3.543 |

| SL | Sri Lanka | 2 | 3 | -0.269 |

| WI | West Indies | 1 | 4 | -1.641 |

+---------+--------------+-----------+-------------+--------------+

mysql> ALTER table Teams add total\_matches int;

Query OK, 0 rows affected (0.05 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> Update Teams set total\_matches = no\_of\_win + no\_of\_loses;

Query OK, 12 rows affected (0.00 sec)

Rows matched: 12 Changed: 12 Warnings: 0

mysql> Select \* from Teams;

+---------+--------------+-----------+-------------+--------------+---------------+

| team\_id | team\_name | no\_of\_win | no\_of\_loses | net\_run\_rate | total\_matches |

+---------+--------------+-----------+-------------+--------------+---------------+

| Afg | Afghanistan | 2 | 3 | 1.053 | 5 |

| Aus | Australia | 4 | 1 | 1.216 | 5 |

| Ban | Bangladesh | 0 | 5 | -2.383 | 5 |

| Eng | England | 4 | 1 | 2.464 | 5 |

| IND | INDIA | 3 | 2 | 1.747 | 5 |

| Nam | Namibia | 1 | 4 | -1.890 | 5 |

| NZ | NewZealand | 4 | 1 | 1.162 | 5 |

| Pak | Pakistan | 5 | 0 | 1.583 | 5 |

| RSA | South Africa | 4 | 1 | 0.739 | 5 |

| Sco | Scotland | 0 | 5 | -3.543 | 5 |

| SL | Sri Lanka | 2 | 3 | -0.269 | 5 |

| WI | West Indies | 1 | 4 | -1.641 | 5 |

+---------+--------------+-----------+-------------+--------------+---------------+

12 rows in set (0.00 sec)

3)Drop :- Drop any one column from any table.

mysql> Select \* from Teams;

+---------+--------------+-----------+-------------+--------------+---------------+

| team\_id | team\_name | no\_of\_win | no\_of\_loses | net\_run\_rate | total\_matches |

+---------+--------------+-----------+-------------+--------------+---------------+

| Afg | Afghanistan | 2 | 3 | 1.053 | 5 |

| Aus | Australia | 4 | 1 | 1.216 | 5 |

| Ban | Bangladesh | 0 | 5 | -2.383 | 5 |

| Eng | England | 4 | 1 | 2.464 | 5 |

| IND | INDIA | 3 | 2 | 1.747 | 5 |

| Nam | Namibia | 1 | 4 | -1.890 | 5 |

| NZ | NewZealand | 4 | 1 | 1.162 | 5 |

| Pak | Pakistan | 5 | 0 | 1.583 | 5 |

| RSA | South Africa | 4 | 1 | 0.739 | 5 |

| Sco | Scotland | 0 | 5 | -3.543 | 5 |

| SL | Sri Lanka | 2 | 3 | -0.269 | 5 |

| WI | West Indies | 1 | 4 | -1.641 | 5 |

+---------+--------------+-----------+-------------+--------------+---------------+

12 rows in set (0.00 sec)

mysql> ALTER table Teams

-> DROP Column total\_matches;

Query OK, 0 rows affected (0.04 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> Select \* from Teams;

+---------+--------------+-----------+-------------+--------------+

| team\_id | team\_name | no\_of\_win | no\_of\_loses | net\_run\_rate |

+---------+--------------+-----------+-------------+--------------+

| Afg | Afghanistan | 2 | 3 | 1.053 |

| Aus | Australia | 4 | 1 | 1.216 |

| Ban | Bangladesh | 0 | 5 | -2.383 |

| Eng | England | 4 | 1 | 2.464 |

| IND | INDIA | 3 | 2 | 1.747 |

| Nam | Namibia | 1 | 4 | -1.890 |

| NZ | NewZealand | 4 | 1 | 1.162 |

| Pak | Pakistan | 5 | 0 | 1.583 |

| RSA | South Africa | 4 | 1 | 0.739 |

| Sco | Scotland | 0 | 5 | -3.543 |

| SL | Sri Lanka | 2 | 3 | -0.269 |

| WI | West Indies | 1 | 4 | -1.641 |

+---------+--------------+-----------+-------------+--------------+

12 rows in set (0.00 sec)

4)Delete :-Delete players detail from table after player is injured or removed.

mysql> DELETE from Players

-> Where player\_id = 'MS07';

Query OK, 1 row affected (0.01 sec)

5)Average :-Find Average of total wickets take by INDIA and Pakistan .

mysql> Select AVG(total\_wickets)

-> From Players

-> Where (team\_id='IND');

+--------------------+

| AVG(total\_wickets) |

+--------------------+

| 28.3750 |

+--------------------+

1 row in set (0.00 sec)

mysql> Select AVG(total\_wickets)

-> From Players

-> Where (team\_id='Pak');

+--------------------+

| AVG(total\_wickets) |

+--------------------+

| 16.5000 |

+--------------------+

1 row in set (0.00 sec)

6)SUM :- Comapre Sum of Runs score by INDIA And New Zealand.

mysql> Select SUM(total\_runs)

-> From Players

-> Where (team\_id='NZ');

+-----------------+

| SUM(total\_runs) |

+-----------------+

| 6003 |

+-----------------+

1 row in set (0.00 sec)

mysql> Select SUM(total\_runs)

-> From Players

-> Where (team\_id='IND');

+-----------------+

| SUM(total\_runs) |

+-----------------+

| 8890 |

+-----------------+

1 row in set (0.00 sec)

7)Min MAX:-Find the full name of player with highest number of Runs and highest number of Wickets.

mysql> Select batsman\_player\_id,first\_name,last\_name from Batsman Where batsman\_player\_id=(Select player\_id from Players where total\_runs = (Select MAX(total\_runs) from Players));

+-------------------+------------+-----------+

| batsman\_player\_id | first\_name | last\_name |

+-------------------+------------+-----------+

| VK18 | Virat | Kohil |

+-------------------+------------+-----------+

1 row in set (0.00 sec)

mysql> Select all\_rounder\_player\_id,first\_name,last\_name from All\_Rounders Where all\_rounder\_player\_id=(Select player\_id from Players where total\_wickets = (Select MAX(total\_wickets) from Players));

+-----------------------+------------+-----------+

| all\_rounder\_player\_id | first\_name | last\_name |

+-----------------------+------------+-----------+

| SAH75 | Shakib Al | Hasan |

+-----------------------+------------+-----------+

1 row in set (0.01 sec)

8)In,Not In :-Find the umpires name those who umpired in matches at Dubai.

mysql> Select umpire\_name from Umpire where umpire\_id in(Select umpire\_id\_1 from Matches where venue='Dubai');

+---------------------+

| umpire\_name |

+---------------------+

| Aleem Dar |

| Chris Gaffaney |

| Paul Reiffel |

| Joel Wilson |

| Nitin Menon |

| Marais Erasmus |

| Rod Tucker |

| Richard Illingworth |

+---------------------+

8 rows in set (0.01 sec)

9) >,<,>=,<= :- Find teams which have players having strike rate greater than 145.

mysql> Select team\_name from Teams where team\_id in(Select team\_id from Players Where strike\_rate>145);

+--------------+

| team\_name |

+--------------+

| Australia |

| England |

| INDIA |

| South Africa |

| Scotland |

| West Indies |

+--------------+

6 rows in set (0.00 sec)

10) Not Between,Between,AND,OR:- Find details of Players having economy between 6 and 7 and have more than 30 wickets.

mysql> Select team\_id,player\_id,total\_runs,total\_wickets from Players where economy between 6 and 7 AND total\_wickets > 30;

+---------+-----------+------------+---------------+

| team\_id | player\_id | total\_runs | total\_wickets |

+---------+-----------+------------+---------------+

| Aus | AZ63 | 45 | 63 |

| IND | BK15 | 57 | 50 |

| Afg | HH66 | 50 | 35 |

| IND | JB93 | 8 | 66 |

| Afg | MUR88 | 12 | 32 |

| Sco | MW51 | 104 | 56 |

| IND | RJ08 | 256 | 46 |

| Afg | RK19 | 182 | 103 |

| Ban | SAH75 | 1894 | 117 |

| RSA | TS26 | 4 | 57 |

| SL | WH49 | 319 | 52 |

+---------+-----------+------------+---------------+

11 rows in set (0.00 sec)

11)Concat

mysql> Select Concat(first\_name,' ',last\_name,' ',Role,'-',type,' ',style) From Bowlers;

+--------------------------------------------------------------+

| Concat(first\_name,' ',last\_name,' ',Role,'-',type,' ',style) |

+--------------------------------------------------------------+

| Trent Boult Pacer-Left Arm Fast |

| Kyle Jamieson Pacer-Right Arm medium-fast |

| Tim Southee Pacer-Right Arm medium-fast |

| Ish Sodhi Spinner-Right Arm Legbreak |

| Pat Cummins Pacer-Right Arm medium-fast |

| Josh Hazlewood Pacer-Right Arm medium-fast |

| Kane Richardson Pacer-Right Arm medium |

| Mitchell Starc Pacer-Left Arm Fast |

| Adam Zampa Spinner-Right Arm Legbreak |

| Mitchell Swepson Spinner-Right Arm Legbreak |

| Haris Rauf Pacer-Right Arm Fast |

| Shaheen Afridi Pacer-Left Arm medium-fast |

| Hasan Ali Pacer-Right Arm medium-fast |

| Shardul Thakur Pacer-Right Arm medium |

| Mohammed Shami Pacer-Right Arm medium-fast |

| Bhuvneshwar Kumar Pacer-Right Arm medium-fast |

| Jasprit Bumrah Pacer-Right Arm Fast |

| Varun Chakaravarthy Spinner-Right Arm Legbreak |

| Rahul Chahar Spinner-Right Arm Legbreak |

| Rubel Hossain Pacer-Right Arm medium-fast |

| Taskin Ahmed Pacer-Right Arm medium-fast |

| Mustafizur Rahman Pacer-Left Arm medium-fast |

| Tymal Mills Pacer-Left Arm medium-fast |

| Chris Jordan Pacer-Right Arm medium-fast |

| Mark Wood Pacer-Right Arm Fast |

| Adil Rashid Spinner-Right Arm Legbreak |

| Tabraiz Shamsi Spinner-Left Arm Chinaman |

| Keshav Maharaj Spinner-Left Arm Orthodox |

| Anrich Nortje Pacer-Right Arm Fast |

| Kagiso Rabada Pacer-Right Arm Fast |

| Lungi Ngidi Pacer-Right Arm Fast |

| Mark Watt Spinner-Left Arm Orthodox |

| Safyaan Sharif Pacer-Right Arm medium-fast |

| Chris Greaves Spinner-Right Arm Legbreak |

| Bradley Wheal Pacer-Right Arm medium-fast |

| Hamza Tahir Spinner-Left Arm Orthodox |

| Rashid Khan Spinner-Right Arm Legbreak |

| Mujeeb Ur Rahman Spinner-Right Arm Offbreak |

| Karim Janat Pacer-Right Arm Medium |

| Hamid Hassan Pacer-Right Arm Fast |

| Fareed Ahmad Malik Pacer-Left Arm medium-fast |

| Oshane Thomas Pacer-Right Arm Fast |

| Akeal Hosein Spinner-Left Arm Orthodox |

| Hayden Walsh Spinner-Right Arm Legbreak |

| Dushmantha Chameera Pacer-Right Arm Fast |

| Chamika Karunaratne Pacer-Right Arm medium-fast |

| Lahiru Kumara Pacer-Right Arm medium-fast |

| Maheesh Theekshana Spinner-Right Arm Offbreak |

+--------------------------------------------------------------+

48 rows in set (0.00 sec)

mysql> Select \* From Teams Group By net\_run\_rate Order By no\_of\_win DESC;

+---------+--------------+-----------+-------------+--------------+

| team\_id | team\_name | no\_of\_win | no\_of\_loses | net\_run\_rate |

+---------+--------------+-----------+-------------+--------------+

| Pak | Pakistan | 5 | 0 | 1.583 |

| Aus | Australia | 4 | 1 | 1.216 |

| Eng | England | 4 | 1 | 2.464 |

| NZ | NewZealand | 4 | 1 | 1.162 |

| RSA | South Africa | 4 | 1 | 0.739 |

| IND | INDIA | 3 | 2 | 1.747 |

| Afg | Afghanistan | 2 | 3 | 1.053 |

| SL | Sri Lanka | 2 | 3 | -0.269 |

| Nam | Namibia | 1 | 4 | -1.890 |

| WI | West Indies | 1 | 4 | -1.641 |

| Ban | Bangladesh | 0 | 5 | -2.383 |

| Sco | Scotland | 0 | 5 | -3.543 |

+---------+--------------+-----------+-------------+--------------+

12 rows in set (0.00 sec)